GROUNDWATER INDEX

County Jugus Twp. 182 Rge. 33E

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|----------|-------------------------|----------------|--------------------|----------|
| 4 | Kolina Millia W. | £178 4 | 13666 | |
| 4 | Kalina, R. J. | 6 m 4 | 16912 | |
| 7 | Kalina Joseph n. | 2 W 4 | 12728 | |
| 9 | Kalina Joseph W. | 224 | 12726 | |
| 10 | Siraker Trankor Leans | Water Will Log | 2628 | |
| 11 | Peters Ray | 272 | 8958 | |
| 19 | Horina, Ray Dardans | 2 W 4 | 17594 | |
| 20 | Burney Maria | En-2 | 27903 | |
| 20 | Kalin Janesh M. | 2774 | 12727 | |
| 21 | Kalina Joseph Ir | 674 | 13735 | *. |
| 31 | Houpa Kay 2 9 James J. | 374 | 17593 | |
| 32 | House Bres | J 51 2 | 36158 | |
| 32 | Harya, Ray il a Jane J. | DW4 | 17591 | |
| 33 | South, Clarence R | 12 m4 | 12399 | |
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| GV | Approved Stock FormState Publishing Co., Helena, Montana-39089 |
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| File No | T /3 R 2 7 |
| DUPLICATE | County |
| S: ADMINISTRA OFFIC | TATE OF MONTANA TOR OF GROUNDWATER CODE E OF STATE ENGINEER |
| | Vested Groundwater Rights r 237, Montana Session Laws, 1961) STATE ENGLER |
| | (Address) (Town) State of to the Montana laws in effect prior to January 1, 1962, as follows: |
| 2. | The beneficial use on which the claim is based House |
| 3. | Date or approximate date of earliest beneficial use; and how continuous the use has been 1928 |
| 4. | The amount of groundwater claimed (in miner's inches or gallons per minute) |
| NC 1/5W Sec. 1/ T/E R.23 | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| Indicate point of appropriation | The means of withdrawing such water from the ground and the location of each well or other means of withdrawal |
| 7. The date of commencement and completion drawal of groundwater. | n of the construction of the well, wells, or other works for with- |
| | |
| | ize and depth of each well or the general specifications of any other |
| | |
| 10. The estimated amount of groundwater w | thdrawn each year 75,000 Justines |
| 11. The log of formations encountered in the | drilling of each well if available. |
| | e as may be useful in carrying out the policy of this act, including record |
| | Signature of Owner Malle M. Halin |
| | Date 1/1/22 14, 1963 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

CCPY

State of Mortana, County of Fergus.

File No. 16912

DUPLICATE

| Approved | Stock | Form-State | Publishing | Co., | Helena, | Montana- 39089 | æ |
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County /

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

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| and the second of the second o |) (Address) (Town) State of (Town) |
|--|--|
| Name of Appropriator | of 1100 1490 |
| County of 1664 | State of Mortage (10wn) |
| have appropriated groundwater acc | State of January 1, 1962, as follows: |
| N | × 6 |
| | 2. The beneficial use on which the claim is based to k. |
| | |
| | 3. Date or approximate date of earliest beneficial use; and how con- |
| | 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Allie Continuous |
| E | |
| | |
| | 4. The amount of groundwater claimed (in miner's inches or gallons per minute) |
| | |
| | 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| . 4. Sec. 4. T. 18. R. 3.3 | |
| icate point of appropriation place of use, if possible. | |
| place of use, if possible. h small square represents 10 | 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. |
| | |
| | · |
| The date of commencement and condrawal of groundwater | |
| drawal of groundwater | |
| The depth of water table | |
| The depth of water table | .f.t. |
| The depth of water table | .f.t. |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater |
| The depth of water table | .f.t. |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater ater withdrawn each year (10.7) in the drilling of each well if available 10.7 at a label. nature as may be useful in carrying out the policy of this act, including |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater ater withdrawn each year (10-7/16/16/16/17/17/16/16/16/16/16/16/16/16/16/16/16/16/16/ |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater ater withdrawn each year (10.7) in the drilling of each well if available 10.7 at a label. nature as may be useful in carrying out the policy of this act, including |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater. ater withdrawn each year a first fill follows a first fill follows a first fill follows a first fill follows a first fill fill follows a first fill fill follows a first fill fill fill fill fill fill fill fil |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater. ater withdrawn each year a first fill follows a first fill follows a first fill follows a first fill follows a first fill fill follows a first fill fill follows a first fill fill fill fill fill fill fill fil |
| The depth of water table | type, size and depth of each well or the general specifications of any other dwater. ater withdrawn each year (160-7) |

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State of Maniana. Ss.

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County Cherk and Recorder

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File No. 12728

DUPLICATE

County Espec

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriat | or) (Address), (Town) |
|--|--|
| have appropriated groundwater s | ecording to the Montana laws in effect prior to January 1, 1962, as follows: |
| N N | |
| | 2. The beneficial use on which the claim is based of the land |
| | 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. |
| | E england of took and west way too |
| | 4. The amount of groundwater claimed (in miner's inches or gall per minute) |
| 8 | 5. If used for irrigation, give the acreage and description of the la to which water has been applied and name of the owner then |
| ENNESec. X. T. IX R. 23 | |
| · - | |
| dicate point of appropriation d place of use, if possible. | 6. The means of withdrawing such water from the ground and |
| ich small square represents 10 res. | location of each well or other means of withdrawal |
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| drawal of groundwater. | completion of the construction of the well, wells, or other works for wells, wells, wells, or other works for wells, wells, wells, wells, wells, or other works for wells, well |
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| The depth of water table | e type, size and depth of each well or the general specifications of any of undwater |
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| The depth of water table | e type, size and depth of each well or the general specifications of any of undwater. Water withdrawn each year. 120,000 to 1500 |
| The depth of water table | le type, size and depth of each well or the general specifications of any of undwater. |
| The depth of water table | water withdrawn each year from 120,000 to 1500 |
| The depth of water table | e type, size and depth of each well or the general specifications of any of undwater. Water withdrawn each year. 120,000 to 1500 |
| The depth of water table | water withdrawn each year from 120,000 to 1500 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

COPY

State of Montana, County of Fernas, ss.

of Hipo o'clock & M.

County Clerk and Recorder

2 2 mg

12726 File No.....

T / F R 23

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF SUATE ENGINEER

Declaration of Vested Groundwater Rights

| | (Under Chapter 237, kinntana Session Laws, 1961) |
|-------------------|--|
| 1 | (Name of Appropriator) of 335-2-56 (Town) |
| | County of State of State of |
| | have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows |
| Ī | 2. The bereficial use on which the claim is based - secret with |
| | 3. Date or approximate date of earliest beneficial use: and how con tinuous the use has been # 2 [[] [] [] |
| ,, | tingous the use has been see |
| | 4. The amount of groundwater claimed (in miner's inches or gallon |
| - | per minute) # 2 from 4 to 5 Sed. |
| | 5. If used for irrigation, give the acreage and description of the land |
| () A/M M:M. | LNW 14.N.E. Sec. 9. T. 18. R.2.3 |
| Ind | icate point of appropriation |
| and | place of use, if possible. |
| Bac acre | |
| | # Para har inger tanks |
| | The date of commencement and completion of the construction of the well, wells, or other works for with drawal of groundwater. |
| 8. | The depth of water table 32 17 TITY (249) |
| 9. | So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. |
| | The estimated amount of groundwater withdrawn each year #1 Chants 25000 41 |
| | · |
| 11. | The log of formations encountered in the drilling of each well if available. |
| | |
| 12. | Such other information of a similar nature as may be useful in carrying out the policy of this act, includin reference to book and page of any county record |
| | |
| | Signature of Owner Jak Machine |
| | Date St. 196 |
| | ce copies to be filed by the owner with the County Clerk and Recorder of the county in which the well i |
| ioca | ted. |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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State of Mandana,
County of Frygus,

BEC 28 1982

Filed 19

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Man Rettler
County Clerk and Recorder

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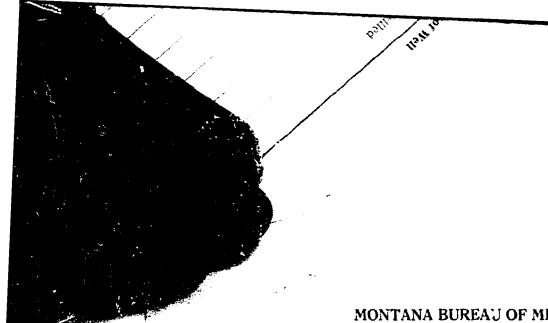
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| DECEIVED | County |
| MONTANA BUREAU OF MINES AND STATE ENGINEER Butte, Montana | O GEOLOGY |
| WATER WELL LOG | |
| Owner and Leona Siroky | Address. J |
| Driller | • Address |
| Location: Sec. T. + R | - |
| Type of well 4T14 Equipment use | • |
| Water use: Domestic Municipal Sto | ck Irrigation |
| ALACUMOUS COMMENTS CO | |
| Casing:ft. toft. Type | Size. |
| Casing:ft. toft. Type | Size LaCour |
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| h3 31 | 81 | /// clay # | THE RESERVE OF THE PERSON NAMED IN |
| 31 | 82 | Etone little cater. | |
| 82 | 1111 | troun shale | |
| בונו | 9 7 5 | bearpaw shale | |
| 775 | 978 | sandstone | |
| 778 | 988 | red shale and coal | |
| 88 | lool | sandstone streaks | |
| 1001 | 1007 | grey shale cand | |
| 1007 | 1034 | sand streaks and shale | |
| 10% | 1090 | lite grey shale | |
| 1030 | 1213 | | * • |
| | | gray shale streaks sindstone | |
| | | 1213 12 gallons per minute water good. | |
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| ļ | ! | 35lift. 510.de casing at \$3115 per ft. | \$7 51 \$ |
| | | 1731ft 40.1, casing at 34.75 per it. | 3029 |
| ļ | | larkin anther packer | \$131. |
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MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

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| 770 | 1705. | grey clay, sandy shale, bentonite, who of hard cond. | | | | |
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| .102 | 1.000 | send and silictore, then layer petrilic anolls, hard sharp sand ene | | | | |
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| Тор | of Ground | | | | | | ENGINEER | CODE | |
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| 2701- | - · | Shale Shale | Sand | | _ | | | | |
| 17851- | 20521 | Sand Shelo | Оwпет | FOY PET . | | | ess BOX. | | |
| | lith River | | | HICHENOWYI | | | | | TAMA |
| (Tro | n Plat to | 12001 | Date of | Notice of App | ropriation | of Ground | lwater | ··· · · · · · | *************************************** |
| Eeg | le format | ion Saad | Date we | ell started2 | 3-62 | Date | Completed. | 2-12- | 62 |
| fro | m 17851 to | o 1992) | | well DR.III.i driven, bored | | | rn, drill, rot | | 1 G |
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| 1 | n | 18 | Sta | atic Water Lev | el for nor | -flowing | Well | | feet |
| | | | Sh | ut-in Pressure | for Flowin | ng Well | | | *********** |
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| - | | | Di | scharge in gal, | per min. c | of flowing | well 60 | | |
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| /- | | 7 | 7 | tion o | f place of t | use of grou | indwater if formation, i | not at we | ell, and an |
| , L. | | | | | | • | | | |

SE... 1/SR... Sec11... T.18.. R23R Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

XXXXXXXX

TOTAL DEPTR # 2052*

acres irrigated, if used for irrigation) Ran Casing to TD, Ran 62! plain pipe, 92! Perforated Pipe from 1º98, 4-1/2º, 9.5# casing with 2 Lerkin Packers set at 840' and 1785'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

COPY

Minde of Monthson.
County of Fengus.

File MAR 1 6 1962

They Rother

Coupy Gest and Recorder

\$2.00 pt

GW 4 Approved Stock Form - State Publishing Co., Helena, Montana 42234 17594 File No. DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) (Name of Appropriator)

(Name of Appropriator)

(Address)

(Town)

County 8ty 6. And Jaines J. Hory 77

State of have appropriated groundwater according to the Montana laws in effect price so January 1, 1962, as follows: 2. The beneficial use on which the claim is based and 2 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 938 thank Continued 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 5,000 years years of 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof milet mellether ung bull S.E. 4NUSec 19: T/8/ 23E Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal chicago 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2938 and 21740 8. The depth of water table and 2 /2 ft. 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawst of groundwater of the specifications of the specification of th 10. The estimated amount of groundwater withdrawn each year / 6.5, 6.00 QA 11. The log of formations encountered in the drilling of each well if available... 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Signature of Owner Anthon

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

State of Montana, County of Furgus. ss.

Filed DEC 3 1 1363 19

at 1/130 o'clock of M.

9 3 Gd. MAY RATHBUN

County Clerk and Recorder

| GW 2 | 47903 | | | | | ing Co., Helena. | | |
|----------|----------------------------------|---|-----------------------------------|---------------------|---|---------------------------|----------------|-------------------|
| File No. | | NOV g | | CARD | T | 8 N. R. | 23 E. | 70 |
| DUPLIC | CATE | NOV 9 | 1986 | ۲ | Cour | nty | Fergus | |
| | rog | E | ADMINIST | STATE (| | | CODE | |
| 1 | Top of Ground | b. | | | | NGINEER | CODE | - |
| - | (Elev. above sea level | No | lice of C | emple | tion c | f Grou | ındwat | er |
| | (Elev. Boove sea level | • | Appropri | | _ | | | • |
| - | | • | , , | | - | UARY 1, | | |
| - | | | (Under Chap | ter 237, N | Iontana S | Session Law | rs, 1961) | |
| - | | ў: л. <u>т</u> | regramme of the first of | or i n. | | ₽ O A | MONTA | NA |
| _ | | | VIN EHIM | | | ss. ROY | | |
| - | | Digger: | ARVIN IR | II ER | Addre | ss. ROY | , Monta | ina |
| | | Date of Not | ice of approp | riation of | groundwa | ter | | |
| - | | Date well st: | irted.AUE | 10. 196 | 6 Date | completed | Oct. 15 | 5, 1966 |
| | | | | | | | | |
| - | | Type of we (Dug, Drive | ll Dug m, bored or dri | lled) | EquipmeEquipme Churn | ent used drill, rotary | or other) | |
| | | Water use: | Domestic | | icipai 🗌 | Stock | | gation 🚰 |
| - | | Indianta | Industrial on the diagra | | inage 🔲 ractor and | Other thickness | | erent strata |
| | | met with in | drilling, such ich water is er | as soil, c | lay, shale, | gravel, roo | ek or sand, | etc. Show |
| | | strata and h | eight to which | the water | er rises in | the well. | iciel of wa | ter-bearing |
| | | Size of | Size and | From (Feet) | To (Feet) | P | FRFORATION | (8 |
| | | Drilled Hole | Weight of Casing | (rea) | (rea) | Kind Size | From (Peet) | To (Feet) |
| | | | | 1 | | Site | (res) | (Feet) |
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| _ | | Well is | feet of g | h daam | eter. 1 | LO feet | deep, a | ana |
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| _ | | | الأحدث فيما | balance and | 2 200+ | from he | httm. | Pine |
| | | comes of | ut ninto c | oulee _{St} | atie Wat | er Nevel : | for non-flo | owing well |
| - | | X | | ∄ | bout 7 | feet fr | om top | of max |
| | | | | | | | ~ | 11 |
| - | | | | P | umping W rom ₂ to | Vater Leve D gal | 2 | feet |
| - | | w | | 1 | | | | ce. owing well |
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| - | | | | н | ន្ធរា ow Tested | de pipe | watch& | e out of |
| - | | <u> </u> | | I. | ength of I | `est O.V.E . | r3wee | ks |
| | | , | 5 | | | _ | | nting, pack- |
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| | Show exact depth of bott | *************************************** | ********** | | 1888 | | | |
| | | 550-1425 42-111111111111111111111111111111111111 | | | | | | |
| This for | m to be prepared by driller, and | d three copies to be filed t | | | Driller | 's License l | Number | |

County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Masein Bunner-

Pled NOV 7 1366

Pled NOV 7 1366

2:35 o'clock P. M.

County Chark and Recorder

820ph

| G' | Approved Stock Form-State Publishing Co., Heleia, Momana-34989 👊 🔊 | , |
|---------------|--|---|
| 12727 File No | TR | |
| DUPLICATE | County | |

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

| | of the second |
|--|--|
| | ator) (Address) (Town) State of |
| County of groundwater | State of according to the Montana laws in effect prior to January 1, 1962, as follows: |
| N | |
| | 2. The beneficial use on which the claim is based. |
| | - State of the sta |
| | |
| | 3. Date or approximate date of earliest beneficial use; and how c |
| | tinuous the use has been |
| | E Shirt I had to be to the state of the stat |
| | 4. The amount of groundwater claimed (in miner's inches or gall |
| | per minute) |
| | |
| | 5. If used for irrigation, give the acreage and description of the la |
| 9 | to which water has been applied and name of the owner ther |
| en station with the second to | |
| 45 La Sec. 24. T.Z.A. Radadi | |
| cate point of appropriation place of use, if possible. | |
| h small square represents 10 | 6. The means of withdrawing such water from the ground and |
| · · · · · · · · · · · · · · · · · · · | location of each well or other means of withdrawal |
| | |
| drawal of groundwater | d completion of the construction of the well, wells, or other works for w |
| | |
| | 1 100 12- 6 3-6 pt (5) |
| The depth of water table | the type, size and depth of each well or the general specifications of any of |
| The depth of water table | the type, size and depth of each well or the general specifications of any of |
| The depth of water table | the type, size and depth of each well or the general specifications of any of |
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| The depth of water table | the type, size and depth of each well or the general specifications of any of roundwater. Individually the depth of each well if available available. |
| The depth of water table | the type, size and depth of each well or the general specifications of any of roundwater. Individually the depth of each well if available available willing of each well if available willing of each well in carrying out the policy of this act, included |
| The depth of water table | the type, size and depth of each well or the general specifications of any of roundwater. Individually the depth of each well is available. Individually the depth of each well if available and the depth of this act, including county record. |
| The depth of water table | the type, size and depth of each well or the general specifications of any of roundwater. Individually the depth of each well if available available willing of each well if available willing of each well in carrying out the policy of this act, included |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12727 COF,

State of Montana, Council of Fergus. ss.

of Groe o'clock . M.

County Clerk and Recorder

*20°, pm

| 4 | 7 | a | |
|---|---|---|--|

File No. 12725

Approved Stock Form-State Publishing Co., Helena, Montana-39089

T R = 3
County Francis

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE FINGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriator | r) (Address) (Town) |
|---|--|
| | State of CALLEST (10WII) |
| lave appropriated groundwater ac | ecording to the Montana laws in effect prior to January 1, 1962, as follows |
| | |
| | 2. The beneficial use on which the claim is based |
| | on The iange on din y cold |
| | |
| | 3. Date or approximate date of earliest beneficial use; and how con |
| | tinuous the use has been 196 |
| | about 3 or 4 my by lughet to |
| | That I want of the |
| | 4. The amount of groundwater claimed (in miner's inches or gallon |
| | 4. The amount of groundwater claimed (in miner's inches or gallons per minute) |
| | |
| | 5. If used for irrigation, give the acreage and description of the land |
| <u> </u> | to which water has been applied and name of the owner thereo |
| | |
| NW Sec. 21. T. 15. R. 2.3 | |
| ate point of appropriation | |
| place of use, if possible. small square represents 10 | 6. The means of withdrawing such water from the ground and th |
| • | location of each well or other means of withdrawal |
| | |
| Irawal of groundwater | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
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| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with the state of the state |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with the same of the well or the general specifications of any other nature as may be useful in carrying out the policy of this act, including |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with type, size and depth of each well or the general specifications of any other ndwater. The specifications of any other water withdrawn each year. In the drilling of each well if available. |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with the same of the well or the general specifications of any other nature withdrawn each year. If the same of the well or the general specifications of any other nature as may be useful in carrying out the policy of this act, including the same of the same o |
| The depth of water table | ompletion of the construction of the well, wells, or other works for with the state of the state |
| The depth of water table So far as it may be available, the works for the withdrawal of grounds. The estimated amount of grounds. The log of formations encountered. | ompletion of the construction of the well, wells, or other works for with type, size and depth of each well or the general specifications of any other ndwater water withdrawn each year, the well of available the drilling of each well if available the well if available the well in carrying out the policy of this act, including the same way be useful in carrying out the policy of this act, including |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3005

12725 CCF4

State of Montona.
Country of Feer 18.

Filed PFE 28 1962

ut Lioo of clock 9: M.

Way Rathly

County/Clerk and Recorder

DUPLICATE

File No.

Approved Stock Form - Store Publishing Co., Helena Momina, 42234 T 18NR 23 E

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County Fergues

E

Declaration of Vested Groundwater Rights Albertain

| | (Under Chapt | ter 237, Montana Session Laws, 1961) |
|------------|---|--|
| (| Name of Appropriator) County of New groundwater according | (Address) (Town) State of (Town) to the Montana laws in effect prior to January 1, 1962, as follows: |
| And Ind | E.J.W. E.45.E.Sec3/. T./E.R.2-3 licate point of appropriation I place of use, if possible. Each all square represents 10 acres. | 2. The beneficial use on which the claim is based I was based. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been a few of the second of the lands of the means of withdrawing such water from the ground and the location of each well or other means of withdrawal tion of the construction of the well, wells, or other works for withdrawal to of the construction of the well, wells, or other works for withdrawal to the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion of the construction of the well, wells, or other works for withdrawal tion. |
| 0 | The depth of water table (1) 25 | The state of the s |
| | So far as it may be evailable the type | size and depth of each well or the general specifications of any other O 144 AC 19 |
| 10. | The estimated amount of groundwater w | ithdrawn each year D 4000 gales 23000 and |
| 11. | The log of formations encountered in the | drilling of each well if available -1200 acide |
| | | |

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Shrift Alryna Date /2/30/68

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator 19054

COPY State of Montana, Commission of Fergus DEC 3 11963 at 11:30 o'clock A M.

3 % MAY RATHBUN

County Clerk and Recorder

| Top of Ground Color | ndwater Well 962 s. 1961) Montana Lown, Montana one March 14, 1966 Rotary |
|--|---|
| Top of Ground Defent Dicker Devent Dicker OFFICE OF STATE ENGINEER Can Devation Dicker OFFICE OF STATE ENGINEER Can Devation Dicker OFFICE OF STATE ENGINEER Notice of Completion of Ground Appropriation by Means of DEVELOPED AFTER JANUARY 1, 1 Sandy clay Bentionite 45 Bentionite 45 Bentionite White gandstone Nater Date of Notice of appropriation of groundwater Ms Date well started March 14, 1966. Date completed. If Type of well Drilled Drainage Other Indicate on the diagram the character and thickness and character at which water is encountered, thickness and character and thickness and height to which the water rises in the well. Note of Ground | ndwater Well 962 s. 1961) Montana Own, Montana One March 14, 1966 Rotary |
| Top of Ground Derintin | ndwater Well 962 s. 1961) Montana Lown, Montana one March 14, 1966 Rotary |
| (Elev. above sea level | Well 962 s. 1961) fontana coun, Montana one farch 14, 1966 Rotary |
| Appropriation by Means of DEVELOPED AFTER JANUARY 1, 1 Appropriation by Means of DEVELOPED AFTER JANUARY 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed After January 1, 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Session Law Horkyna Means of Developed Address Lewist 1 (Under Chapter 237, Montana Means of Developed Address Lewist 1 (Under Chapter 237, Montana Means of Developed Address Lewist | Well 962 s. 1961) fontana coun, Montana one farch 14, 1966 Rotary |
| DEVELOPED AFTER JANUARY 1, 1 15 | 962 s, 1961) fontana form, Montana one farch 14, 1966 Rotary |
| Static Water Level for Static Water Static Water Level for Static Water Static Water Stat | s, 1961) Montana Lown, Montana One March 14, 1966 Rotary |
| Clay 45 Bentionite White sandstone Nater Date of Notice of appropriation of groundwater | iontana cown, Montana one farch 14, 1966 Rotary |
| Owner Herry's Bros. Address Roy. 1 Driller George O. Singley Address Lewist Date of Notice of appropriation of groundwater | own, Montana One March 14, 1966 Rotary |
| Driller. George O. Singley Address Lewist Date of Notice of appropriation of groundwater | own, Montana One March 14, 1966 Rotary |
| Date of Notice of appropriation of groundwater | one March 14, 1966 Rotary |
| Date well started March. 14. 1966. Date completed. 1 Type of well | March 14, 1966 |
| Type of well. Drilled Equipment used | Rotary |
| Type of well. Drilled Equipment used | Rotary |
| Water use: Domestic Municipal Stock Industrial Drainage Other Indicate on the diagram the character and thickness onet with in drilling, such as soil, clay, shale, gravel, roc depth at which water is encountered, thickness and character and thickness and thickness an | -BULLELY |
| Industrial Drainage Other Indicate on the diagram the character and thickness of depth at which water is uch as soil, clay, shale, gravel, roc depth at which water is encountered, thickness and character and hickness and character and height to which the water rises in the well. Size of Delist Size and Weight From (Feet) From | or other) |
| Indicate on the diagram the character and thickness of met with in drilling, such as soil, clay, shale, gravel, roc depth at which water is encountered, thickness and charastrata and height to which the water rises in the well. Size of Drilled Size and Prom To Prom Size Promote | |
| met with in drilling, such as soil, clay, shale, gravel, roc depth at which water is encountered, thickness and chara strata and height to which the water rises in the well. Size of Drilled Weight (Feet) Form To Property | tanad |
| strata and height to which the water rises in the well. Size of Drilled Hole Size and Drilled Hole Size Property Property | k or sand, etc. Show |
| Defined Hole 5-5/8" N Static Water Level for Shut-in Pressure for Fl Pumping Water Level at | eter of water-bearing |
| N Static Water Level f Shut-in Pressure for FI Pumping Water Level at | RFORATIONS |
| Static Water Level for Shut-in Pressure for FI Pumping Water Level at | Prom To |
| Static Water Level of Shut-in Pressure for FI Pumping Water Level at 30 gal. Discharge in gal. per How Tested A1r. and Length of Test. 1. Remarks: (Gravel pack of Static Water Level of Shut-in Pressure for FI Pumping Water Level at 1. Remarks: (Gravel pack of Static Water Level of Shut-in Pressure for FI Pumping Water Level of Shut-in Pumping Water Level of | (Feet) (Feet) B 45 95 |
| Static Water Level for Shut-in Pressure for F1 Pumping Water Level at 30 gal. Discharge in gal. per How Tested | 5 -0 90 |
| Shut-in Pressure for FI Pumping Water Level at | |
| Shut-in Pressure for FI Pumping Water Level at | |
| Shut-in Pressure for FI Pumping Water Level at | |
| Shut-in Pressure for FI Pumping Water Level at | or non-flowing well |
| Pumping Water Level at 30 gal. Discharge in gal. per How TestedAirair Length of TestI Remarks: (Gravel pack of the state o | feet. |
| How Tested | |
| Discharge in gal. per How TestedAlm.an Length of Test1 Remarks: (Gravel pack NE.145W Sec 32. T./87,23 E ers, type of shutoff) | feet |
| How TestedA1rar. Length of Test1 Remarks: (Gravel pack) NE.14SW Sec 32. T. 188, 23 F. ers, type of shutoff) | |
| Remarks: (Gravel pack) NE.14SW Sec 32. T.18NR23E ers, type of shutoff) | • |
| Remarks: (Gravel pack) NE.14SW Sec 32. T.18NR23E ers, type of shutoff) | None |
| Remarks: (Gravel pack) NE.145W Sec 32. T.18NR23E ers, type of shutoff) | |
| NE 1/25W Sec 32. T / 8NR 23 E ers, type of shutoff) | |
| A time A time Cockette Transmit Transmit Transmit | |
| Andrews Addition of well will | |
| place of use, if possible. Each small square represents 40 | |
| acres. | |
| (Cont | inne on reverse side) |
| USE—If used for irrigation, industrial, drainage or o | • |
| - number of neres and location or other data (i.e.: | |
| | |
| | |
| Show exact depth of bottom. | |
| This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Driller's License N. Driller's License N. Driller's License N. Driller's License N. Driller's Signature. | |

COPY

Counts of Formus APR 2 9 1966

1:15 o'clock G. M.

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Coughty Clock and Recorder Pried....

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17591 File No...

DUPLICATE

Approved Stock Form - State Publishing Co., Helena, Montana, -42234 -T / SNR 23 E

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County Fengus

Declaration of Vested Groundwater Rights & Etronic

| · | Chapter 257, Montana Session Daws, 1901) |
|---|--|
| 1. Kay G. Hall y 21 1 full 3 (Name of Appropriator | (Town) State of 1901 1712 ding to the Montana laws in effect prior to January 1, 1962, as follows: |
| have appropriated groundwater accor | ding to the Montana laws in effect prior to January 1, 1962, as follows: |
| N | 2. The beneficial use on which the claim is based (18) down the list to garden () function () to the surjection of the list |
| | 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 0, 2, 1950 (3)1936 (4)(5)1929 |
| 3+i Q | 4. The amount of groundwater claimed (in miner's inches or gallons par minute) (2,494, 3,494). (2) 2 gal. (2) 4 gal. |
| S.E. Sur | 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| N.PA. S. Sec. 32T 18R23 | Ray of Ho you and Janita Jo Horyma |
| Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. | 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal |
| 8. The depth of water table C.C | type, size and depth of each well or the general specifications of any other water to the specific and the specific and the specific at the sp |
| acias, 16 /4 a.j. | 19 (5) 4 au and, 25 digs (6) - 4 pring 301 |
| 10. The estimated amount of groundwa 2,000, (5)/30,000, (6) 4,0 | ter withdrawn each year @ 73,000, @ 60,000, @ 20,000 n the drilling of each well if available Trof aunifulle |
| | |
| 12. Such other information of a similar reference to book and page of any of | r nature as may be useful in carrying out the policy of this act including county record |
| | Signature of Owner Charge Torusna |
| | Date 12 133/63 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

State of Montana, County of Fergus. Ss.

COPY

Filed DEC 3 1 1963 County Clerk and Recorder

17399 File No.

DUPLICATE

Approved Stock Form - State Publishing Co., Helena, Montena -42234

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

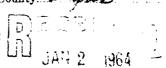
OFFICE OF STATE ENGINEER

T /8

County Sorque

D

JAN 2 1964 OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights ENGINEER

| | (Under Chapter 237, Montana Session Laws, 1961) |
|------------|--|
| 1. | Clarence A. Smith of Litting M. Lewistown (Name of Appropriator) (Address) (Town) County of Figure State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: |
| (| County of Frank. State of Montana. |
| | 2. The beneficial use on which the claim is based 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 introduction of the lands to which water has been applied and name of the owner thereof |
| Ind and | Ny SWSec. 33. T./8. R. 2.3 licate point of appropriation I place of use, if possible. Each all square represents 10 acres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal |
| 7. | drawal of groundwater Aptini nir will |
| 8. | The depth of water table |
| 9. | So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. |
| | |
| 10. | The estimated amount of groundwater withdrawn each year 13,140,20 |
| 11. | |
| | |
| 12, | Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. |
| | |
| | Signature of Owner Clarence R. Smith Date Sec. 30 1763 |
| | Date Jec 30 1763 |
| Th | ree copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 17325

COPY State of Montano. COPY
Coxoto of Facility 35.

PHED 30 1963

FHED 13

A 3:55 O'Clore N. M.

\$2.00 MAY RATHBUNG.

GROUNDWATER INDEX

County <u>Jugus</u> Twp. <u>18%</u> Rge. <u>24E</u>

| Sec | Name of Appropriator | Type of Form | County File No. | Remarks |
|----------|--|--------------|--------------------|---------|
| | Southwesth Frank 9 | # 7r# | 17456 | |
| 1 | Southwest, Frank & | 11714 | 17457 | |
| 11 | Ванная Одни | 1 W4 | 8651 | |
| 12 | Southwest Frank & | 274 | 17450 | |
| 12 | Southwest, Frank) | 9714 | 17458 | |
| 14 | 1-2 | 11312 | 10539 | |
| <u></u> | marte Fred | | | |
| 14 | Bauman Harald W. a | 2011 | 10075 | |
| | Marte Lund | | - | |
| 21 | atams, Janie | 12 W 4 | 17191 | |
| 33 | Southweeth Track & | 6714 | 17459 | |
| 2 | Rdans Farrie | 2712 | 30436 | |
| 31 | 7 | 27.4 | 17190 | |
| .3 | | 2714 | 17189 | |
| 13 | Southwest, Fresh & | 6714 | 17455 | |
| 13 | Southwesth makely. | 6714 | 17453 | |
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| Helena Independent Record 17456 | • | T. 184 R.248 |
|---|---|---|
| UPLICATE | | County Fargus |
| | STATE OF MONTANA INISTRATOR OF GROUNDWATER | <u> </u> |
| ADN | OFFICE OF STATE ENGINEER | M 184 3 196# |
| (Unde | ration of Vested Groundwater er Chapter 237, Montana Session Lav | vs, 1961) STATE LINUX |
| | | |
| (Name of Appropria | itor) (Address) | (Town) |
| (Name of Appropria | (Address State of Monte r according to the Montana laws in The beneficial use on whi | (Town) effect prior to January 1, 1962, as fol- the claim is based |
| (Name of Appropriate County of Fergus have appropriated groundwate lows: | State of Monter of according to the Montana laws in The beneficial use on whi | (Town) na effect prior to January 1, 1962, as fol- ch the claim is based |
| (Name of Appropriate County of Fergus have appropriated groundwate lows: | State of Montana laws in State of Montana laws in The beneficial use on white stockwater. 3. Date or approximate date tinuous the use has been | (Town) na effect prior to January 1, 1962, as fol- ch the claim is based of earliest beneficial use; and how con- 1960. Beed continuously |
| (Name of Appropriate County of Fergus have appropriated groundwate lows: | State of Montana laws in State of Montana laws in The beneficial use on white stockwater. 3. Date or approximate date tinuous the use has been | (Town) na effect prior to January 1, 1962, as fol- ch the claim is based of earliest beneficial use; and how con- |
| (Name of Appropriate County of Fergus have appropriated groundwate lows: | 2 The beneficial use on whi stockwater. 3. Date or approximate date tinuous the use has been since that time. | (Town) na effect prior to January 1, 1962, as fol- ch the claim is based of earliest beneficial use; and how con- 1960. Used continuously |
| (Name of Appropriate County of Forgus In the Appropriate Groundwate lows: | State of Montana laws in State of Montana laws in The beneficial use on whing to character. 3. Date or approximate date tinuous the use has been since that time. 4. The amount of groundwate per minute) all floor | (Town) na effect prior to January 1, 1962, as fol- ch the claim is based of earliest beneficial use; and how con- 1960. Beed continuously |

and place of use, if possible. Each small square represents 10 acres.

| 3. | Date or approximate date of earliest beneficial use; and how continuous the use has been 1960. Used continuously since that time. |
|----|---|
| 4. | The amount of groundwater claimed (in miner's inches or gallons per minute) all flood waters entraped by damage af 8800 cubic yard capacity |
| 5. | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof .not applicable |
| 6. | The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flood water |

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1980 8. The depth of water table not applicable... So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dam impounding \$800 years. capacity...... 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable _--

Signature of Owner Frank

Date December 80, 1968

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

COPY State of Memsana, County of Fargue. ss.

Filed DFC 3 1 1963 re

8:30 e'cleck A. M.

MAY RATHBUN

County Clerk and Recorder

File No. 17457

DUPLICATE

T 18N R 24B

County Fergus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE Extra

| (Name of Appropriator) | | | (T) |
|--|-------------------------------------|---|---|
| County of Passes | | (Address)State of | (Town) |
| have appropriated groundwater acc | ordin | ig to the Montana laws in effect prior to | o January 1, 1962, as fol- |
| lows: | | | • |
| N | 9 | The beneficial use on which the claim | is hacad |
| | ┺. | | o dascu |
| , | 3 | Date or approximate date of earliest ben | eficial use: and how con- |
| | •,, | tinuous the use has been 1958. Weed | |
| | | | |
| E | | | |
| | 4. | The amount of groundwater claimed (in | miner's inches or gallor |
| | | per minute) all flood waters sutr | apped by dem |
| | | of \$600 cubic yard capacity | ******************************** |
| | 5. | If used for irrigation, give the acreage | and description of the |
| 8 | | lands to which water has been applied | and name of the owner |
| _ | | thereof not applicable | ************************* |
| 64882 Sec1 T.1811R.248 | | | |
| ndicate point of appropriation | _ | | |
| nd place of use, if possible. ach small square represents 10 | 6. | The means of withdrawing such water | |
| cres. | | location of each well or other means of | withdrawal 11004 WAT |
| | | | |
| The date of commencement and condrawal of groundwater .1958 | | tion of the construction of the well, wells | , or other works for with |
| | | | |
| | p li | | |
| The depth of water table not ap | /pe, s | | ral specifications of any |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | /pe, s grour | ize and depth of each well or the gene | yard capacity |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | /pe, s grour | ize and depth of each well or the gene ndwater dam impounding 4000 cubic | yard capacity |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | /pe, s grour | ize and depth of each well or the gene ndwater dam impounding 4000 cubic | yard capacity |
| The depth of water table not as So far as it may be available, the ty other works for the withdrawal of | /pe, s grour | ize and depth of each well or the gene ndwater dam impounding 4000 cubic | yard capacity |
| The depth of water table not as So far as it may be available, the ty other works for the withdrawal of | ype, s grour | ize and depth of each well or the gene indwater dam impounding 4000 cubic withdrawn each year | yard capacity |
| The depth of water table not as So far as it may be available, the ty other works for the withdrawal of | ype, s grour | ize and depth of each well or the gene ndwater dam impounding 4000 sublo | yerd capacity |
| The depth of water table not ag So far as it may be available, the ty other works for the withdrawal of The estimated amount of groundwa | ype, s grour | ize and depth of each well or the gene indwater dam impounding 4000 cubic withdrawn each year | yerd capacity |
| The depth of water table not as So far as it may be available, the ty other works for the withdrawal of | ype, s grour | ize and depth of each well or the gene indwater dam impounding 4000 cubic withdrawn each year | yerd capacity |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | ype, s grour ater w in the | ize and depth of each well or the general dwater dam impounding 4000 subic withdrawn each year see above drilling of each well if available not incertain out the p | applicable olicy of this act, including |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | ype, s grour ater w in the | ize and depth of each well or the general dwater dam impounding 4000 subic withdrawn each year see above drilling of each well if available not incertain out the p | yard capacity |
| The depth of water table not are So far as it may be available, the ty other works for the withdrawal of | ype, s grour ater w in the | ize and depth of each well or the general dwater dam impounding 4000 subic withdrawn each year see above drilling of each well if available not incertain out the p | applicable olicy of this act, including |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

COPY State of Montana, County of Furgues Ss.

Filed DEC 3 1 1963 19
at 8:30 o'clock A M.
MAY RATHBUN
County Clerk and Recorder

Mr. Frank Southworth, Roy, Montana May 15, 1964

Dec. 31, 1963

(See Below)

from reservoirs storing floodwaters

 Decument Numbers

 17458
 17450

 17459
 17451

 17460
 17452

 17461
 17454

 17462
 17456

 17463
 17457

File No..

T. 18 N. R. 24 East

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NECESTED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | | | | | | | | | Date of Appropriation of Groundwater |
|----|--------|-------|-------|------|----------------|--------------|--------------|----|--|
| | | | | | | | | | Owner Agnes Bouman Address Roy, Montana |
| | | | | | | | | | Contractor (if any) Hugh Ford |
| | | | | | | | | | Address of Contractor Winifred, Montens |
| | | | | | | | | | Date Started 1946 Date Completed 1945 |
| | | | ; | N | | | | | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | | | | L | ļ | 1 | | | water when applicable This water is natural run off into |
| | | | | ļ | - | ļ. - | | | reservoirs . 1 reservoir is 8 feet deep - 1 reservoir is |
| | | | | | | | | | 22 feet deep. |
| w | | _ | | T | | | | E | |
| | | | | | | Ţ | | | |
| | | | | s | | | | | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit- |
| | 1⁄4 | S | | _ | r. 18 | ΉR | 24 | ۲. | tent estimate approximate lengths of periods of use |
| no | dicate | poi | nt of | f ap | pro | pria | tior | | |
| ın | a bis | n⊨ of | use, | 11 p | oss | ıbie. | | | 1 Reservoir holds 100 some feet of water in a normal year |
| | | | | | | | | | These reservoirs are used the whole year when water is |
| | | | | | | | | | available, but due to lack of moisture in 1961 there was not enough water for steady use. |
| | | | | | | | | | Signature of Owner & Genes Backery 17-1962 |
| | | | | | | | | | Date Tehmary 17-1962 |

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

COPY

County of Fergus.) ss.

Filed FEB 19 1962

FILED School Clock and Benerder

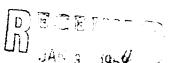
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| G | -Helena | Independent Record |
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| т | 18 H | Ð | 24R |
|---|------|---|-----|
| | | | |

County... Pergus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OF STATE ENGINEER



Under Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriator | |
|--|--|
| County of Fergus | State of Nontana |
| have appropriated groundwater a lows: | eccording to the Montana laws in effect prior to January 1, 1962, as for |
| N . | 2. The beneficial use on which the claim is based |
| | 3. Date or approximate date of earliest beneficial use; and how co |
| F | tinuous the use has been 1946 |
| -X | 4. The amount of groundwater claimed (in miner's inches or gallo |
| | per minute) all. Enough to fill dam holding 6000 cubic yards caps city |
| 8 | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the own thereof applicable |
| 14 Sec12 T. WN R24 | |
| licate point of appropriation | |
| l place of use, if possible. | 6. The means of withdrawing such water from the ground and th |
| ch small square represents 10 | location of each well or other means of withdrawal |
| es. | dem |
| drawal of groundwater1946 | completion of the construction of the well, wells, or other works for wit |
| drawal of groundwater1946 | |
| The depth of water table | type, size and depth of each well or the general specifications of ar |
| The depth of water table | type, size and depth of each well or the general specifications of ar |
| The depth of water table | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to impoind 6000 |
| The depth of water table So far as it may be available, the other works for the withdrawal or suble yards of water The estimated amount of groundy | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to impoind 6000. water withdrawn each year. 500,000 gallens per year. |
| The depth of water table So far as it may be available, the other works for the withdrawal or suble yards of water The estimated amount of groundy | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to impoind 6000 |
| The depth of water table So far as it may be available, the other works for the withdrawal or suble yards of water The estimated amount of groundy | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to impoind 6000. water withdrawn each year. 500,000 gallens per year. |
| The depth of water table So far as it may be available, the other works for the withdrawal or cubic yards of water The estimated amount of grounds The log of formations encountered applies Such other information of a similar reference to book and page of any | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to ispoint \$1000. water withdrawn each year \$300,000 gallens per year in the drilling of each well if available able. Ar nature as may be useful in carrying out the policy of this act, including county record. |
| The depth of water table So far as it may be available, the other works for the withdrawal or suble yards of water The estimated amount of groundy The log of formations encountered not applie | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to impoint \$000. water withdrawn each year \$00.000 gallens per year in the drilling of each well if available at nature as may be useful in carrying out the policy of this act, including county record. |
| The depth of water table So far as it may be available, the other works for the withdrawal or cubic yards of water The estimated amount of grounds The log of formations encountered applies Such other information of a similar reference to book and page of any | type, size and depth of each well or the general specifications of ar f groundwater Dam sufficient in size to ispoint \$1000. water withdrawn each year \$300,000 gallens per year in the drilling of each well if available able. Ar nature as may be useful in carrying out the policy of this act, including county record. |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Montano, Counts of Furgue.

CUPY

200 R County Clerk and Recorder

| STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights TATE Engineer (Under Chapter 237, Montana Session Laws, 1961) | File No. 17455 | | T 18H R247 |
|--|--|---|---------------|
| ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER | DUPLICATE | | County Fergus |
| Declaration of Vested Groundwater Rights TATE Encounter Conduction Conduction Montana Session Laws, 1961) | ADMINISTRATO OFFICE (| R OF GROUNDWATER CODE OF STATE ENGINEER | DECTAL |
| | Declaration of V (Under Chapter 23 | ested Groundwater Right, Montana Session Laws, 1965 | STATE End |
| | 1. Frank is Southworth (Name of Appropriator) County of Fergus | (Address) | (Town) |

| County of Fergus | State of Wontana | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| lows: | according to the Montana laws in effect prior to January 1, 1962, as fol- | | | | | | | | |
| n | | | | | | | | | |
| xx | 2. The beneficial use on which the claim is based stockwater | | | | | | | | |
| x x | 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960. Used continuously | | | | | | | | |
| , _E | since that time | | | | | | | | |
| | | | | | | | | | |
| | 4. The amount of groundwater claimed (in miner's inches or gallons | | | | | | | | |
| | per minute) all flood waters entrapped by dam of 15000 cubic yard capacity | | | | | | | | |
| 8 | If used for irrigation, give the acreage and description of the lands to which water has been applied and nam. 2 of the owner | | | | | | | | |
| | thereof not applicable | | | | | | | | |
| m. 4 m 2 Sec 12. T. 18NR.24E | | | | | | | | | |
| Indicate point of appropriation | | | | | | | | | |
| and place of use, if rossible. | 6. The means of withdrawing such water from the ground and the | | | | | | | | |
| Each small square represents 10 acres. | location of each well or other means of withdrawal flood water | | | | | | | | |
| drawal of groundwater .1960 | completion of the construction of the well, wells, or other works for with- | | | | | | | | |
| 8. The depth of water table not | applicable | | | | | | | | |
| So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dam impounding 15000 cubic yards capacity. | | | | | | | | | |
| • | | | | | | | | | |
| | | | | | | | | | |
| ••••••••••••••••••••••••••••••••••••••• | | | | | | | | | |
| The estimated amount of groundwater withdrawn each year .age above | | | | | | | | | |
| * | d in the drilling of each well if available not applicable | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 2. Such other information of a simil | ar nature as may be useful in carrying out the policy of this act, including y county record not applicable | | | | | | | | |
| reterence to book and bage of au | A country a court man white was a | | | | | | | | |

Signature of Owner Jrs. R. Swither the Date Decomber 80, 1968

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Montana, Counts; of Furgues. COPY Filed DEC 3 1 1963

at 8:30 e'clock A. M.

200 A MAY RATHBUT County Clerk and Recorder

File No.

DUPLICATE

| T | | | R | | | ~ ; | |
|------|----|----|----|---|---------|-----|------|
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| Cour | it | ٧. | | | | | |

Driller's Signature

| STATE OF MONTANA | |
|--|------------|
| ADMINISTRATOR OF GROUNDWAT | ER CODE |
| ADMINISTRATOR OF GROUNDWAT OFFICE OF STATE ENGINE | er bis a c |

| | Top of Ground | | ADMINISTI OF | | STATE E | | | LER |
|---|---|--------------------|--|----------------|-------------------|--------------|----------------|--------------|
| | - | | Notice o | Comp | letion of | Ground | water | |
| | (Elev. above sea level) | , | *** | _ | by Mea | | | |
| | 0-970 Benjamiat | rle | (Under Chap | | | | | |
| | | J. | 26. 61 10 | وور در دو الم | رسيم | / | | 1 |
| - | 1280-1280 Shale | wner. ⁶ | a Mont | 774 | <i>mcl</i> Addres | s/ | 11/100 | Z, |
| | 1780-2090 Engle D | rille | George ? | Clas | RenAddres | s Mele | es lety i | Dont. |
| | | ate of | Notice of Appro | priation h | of Groundy | vater | · | |
| | | ate w | ell started | 14,1 | 9620ate | Completed | July: | 24.196 |
| | T | vpe of | well dail | led | Equipmen | t Used | Tota | |
| | | (dug, drille | driven, bored or ed) | ,) | | ı, drill, ro | | 7 |
| | \mathcal{U} | ater 1 | Use: Domestic 🗆 | | nicipal 🔲 | | | igation 🚁 |
| | | | Industrial [|] Dra | ainage 🗌 | Other | | |
| - | | | licate on the diag net with in drilli | | | | | |
| | et | c. Sho | ow depth at which bearing strata and | ı water i | s encounte | red, thick: | ness and ch | aracter of |
| - | | a(e1-0 | searing strata and | netgnt i | .o which th | e water r. | ises in the | weii. |
| | Size of | | Size and Weight of | From (Feet) | To (Feet) | P | ERFORATION | ıs |
| _ | Drille Hole | | 15/1 | 0 | 2118 | Kind Size | From (Feet) | To (Feet) |
| | | | 100 | <u>,</u> | | 5" | 2018 | 2118 |
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| | | | 217 4 7 | | <u> </u> | . 11 | | |
| | N | | atic Water Level | | _ | | | feet. |
| - | | Sh | iut-in Pressure fo | r Flowin | g Well | 00 | St. | |
| | | | ımping Water Le | | | | gal. p | er minute. |
| | w E | Di | scharge in gal, pe | er min. o | f flowing v | rell 3 | 09.1 | . ומר |
| | W E | | ow Tested | | | | | |
| | | Re | emarks: (Gravel | packing. | cementing. | packers. | type of shi | utoff, loca- |
| | | | tion of p | lace of u | se of groun | dwater if | not at wel | ll, and any |
| | | | _ | | | | including r | |
| | NW 1/4 Sec/4 T/ TR24 | , | _ | | | | | |
| | Indicate location of well and | | | | | | sock | 1 |
| | place of use, if possible. Each small square represents 10 acres. | | on or | Laca | he of | 5.10 | ream | 7 |
| | billati tiquate represente in action | | 181±8" | surh | oca Ca | eine C | lement | tel |
| | Show exact depth of bottom. | Wi | 18/18" | is Carre | met. | 30 | | |
| | 2118 ft | | | | Driller | 's License | Number | • |

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator. 1876

COPY

State of Montana, County of Fargue.

JUL 24 1962 19

Cury Rottlen

4.00

. -

File No.

T. R. 7.4 E

DUPLICATE

County Tergus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

| 1. | (Name of Appropriator) (Name of Fergus) County of Fergus propriate groundwater in accordance with Chapter 237, M | ss) | |)- |
|-----|---|--|--------------|--------|
| 2. | The beneficial use to which water is to be applied is Store | k Water and Ir | regation | |
| | Sections 11 and 14, Township 18 North, Range 24 i | last, Montana M | eridian, | |
| 3. | The rate of use in gallons per minute or miner's inches of g | roundwater claime | :d | |
| | cour Hundred Gallons per minute | | | •• |
| 4. | The annual period (inclusive dates) of intended use | the year | ••••• | |
| 5. | The probable or intended date of first beneficial use | y let, 1962 | ····· | |
| 6. | The probable or intended date of commencement and comp | | or wells* | |
| | Commencement June 1st, 1962, completion July 1st, | 1962. | | •• |
| 7. | The location, type, size and depth of well or wells contemp | olated drilled we | 11, with fiv | e and |
| | a half inch casing, depth about two thousand feet | | | |
| 8. | The probable or estimated depth of the water table or art | | | and fo |
| 9. | A. A | | | |
| | Montana, do not have his license number | | •••••• | • |
| 10 | Give such other similar information as may be use- | N | | |
| 10. | ful in carrying out the policy of this act. to run the | and a constrained from the large of the second of the large of the lar | | |
| | water into a dam to conserve it and also to pipe | | | |
| | num Anta nacidance | | | |
| | | W | | W. |
| | , | | | |
| | | | | |
| | | | | |
| | | N. W. 14 Sec. 11 | 4 T 18 R 21 | 1. |
| | | Locate well or development a possible on the | s accurately | |
| | Signature of Appropriet | offered . in | a second to | |

Date June 11th, 1962.

"As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

10075 COPY

Place of Arabana, 22.

County of Forgues. 22.

Place JUN 111962

11:45 o'alack a. M.

Then Ruthun
Dennety Clock and Recorder

7 200 ps.

G₩

File No. 17191

DUPLICATE

Approved Sinck Form—State Publishing Co., Helena, Montana, 42234

JAN 2 1963

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights English R

(Under Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriator | • | | |
|--|----------------|--|--|
| (Name of Appropriator | | | · Company |
| county of | r) | , of (Address) | (Town) |
| TALL TO THE PROPERTY AND THE AREA | | | |
| was abbrobriaged Recommenses secon | ding to the | Montana laws in effect prior to | lanuary 1, 1962, as follows. |
| N | | | |
| | 2. The | beneficial use on which the claim is | based |
| | 102 | Land Market | · |
| | 14 | • | |
| | 3. Date | e or approximate date of earliest be | eneficial use; and how continu- |
| | ous | the use has been | |
| F | 1-10-4 | the use has been | |
| | | | |
| | 4. The | amount of groundwater claimed minute) | (in miner's inches or gallons |
| | per : | minute) | so per min. |
| | ***** | *************************************** | |
| T | 5. If n | sed for irrigation, give the acreag | e and description of the lands |
| S | to v | which water has been applied and | d name of the owner thereof |
| | | 7 | |
| 145 Sec. 21 T. 15 R. 24 | | | |
| licate point of appropriation | | | |
| l place of use, if possible. Each all square represents 10 acres. | 6. The | means of withdrawing such water | from the ground and the loca- |
| | | of each well or other means of with | |
| | سر م . | In the second of | |
| The depth of water table | | | |
| So far as it may be available, the | type, size s | and depth of each well or the gen- | eral specifications of any other |
| works for the withdrawal of ground | water | and the second | 1 11 11 36 -in- |
| and the same of the same | L. G. L. L. | the stage with the same of the same | 7 |
| | | | |
| *************************************** | | | |
| | | dono | ~ 0 |
| AMA A A A A A A A A A A A A A A A A A A | ter withdrav | wn each year | April 1987 - April 1985 - April |
| The estimated amount of groundwa | | | |
| | in the drillin | ng of each well if available | |
| | | | |
| The log of formations encountered i | | | |
| The log of formations encountered i | **** | | |
| The log of formations encountered i | r nature as | may be useful in carrying out th | e policy of this act, including |
| . Such other information of a similar | r nature as | may be useful in carrying out th | e policy of this act, including |
| The log of formations encountered i | r nature as | may be useful in carrying out th | e policy of this set, including |
| The log of formations encountered in Such other information of a similar reference to book and page of any | r nature as | may be useful in carrying out th | e policy of this set, including |
| The log of formations encountered in Such other information of a similar reference to book and page of any | r nature as | may be useful in carrying out th | e policy of this set, including |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

COPT

State of Monthmu, Cambo of Program S.

Filed DEC 7 0.1953 19

Gils o'cioch A. H.

Councy Cierr and Rocorder

9 202 pt.

File No. 17459

DUFLICATE

T 188 R 24E

County Fergus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DE TET

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE STATE

| (Name of Appropriate | r) | of Roy (Address) | (Town) | | | | | | | |
|---|----------|---|------------------------------|--|--|--|--|--|--|--|
| County of Forgus | | State of Houtana | | | | | | | | |
| have appropriated groundwater a lows: | accordii | ng to the Montana laws in effect prior | to January 1, 1962, as fol- | | | | | | | |
| N | 26 | The beneficial use on which the claim | n is hased | | | | | | | |
| | | stockester | 1 10 Descu | | | | | | | |
| | 3. | Date or approximate date of earliest b | eneficial use; and how con- | | | | | | | |
| x x | | tinuous the use has been .1960Us | ₩ | | | | | | | |
| X X E | | STROS CHRC CIRCO | | | | | | | | |
| | 4. | The amount of groundwater claimed (| in miner's inches or gallons | | | | | | | |
| | | per minute) all flood waters en | trapped by dom | | | | | | | |
| | | of 7500 suals yards capacity | | | | | | | | |
| 8 | 5. | . If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner | | | | | | | | |
| | | thereofmot applicable | | | | | | | | |
| SE. 14 NG. Sec 24. T. 18 N R. 24E | | | | | | | | | | |
| ndicate point of appropriation nd place of use, if possible. | 0 | m | 6 41 | | | | | | | |
| Each small square represents 10 | ρ. | The means of withdrawing such water location of each well or other means | - | | | | | | | |
| cres. | | | | | | | | | | |
| 3. The depth of water table | appli | cable | | | | | | | | |
| . So far as it may be available, the other works for the withdrawal | type, s | ize and depth of each well or the gendwaterder impounding 7000 cub | ie yards capacity | | | | | | | |
| | | | | | | | | | | |
| . The estimated amount of ground | lwater 1 | withdrawn each year .eec.abovs | | | | | | | | |
| . The log of formations encountere | | | | | | | | | | |
| *************************************** | | | | | | | | | | |
| | | | | | | | | | | |
| reference to book and page of an | y count | re as may be useful in carrying out the y recordnot applicable | | | | | | | | |
| | | | | | | | | | | |
| | | 1 | . 01 | | | | | | | |
| | | Signature of Owner. | and Southwo | | | | | | | |
| | | Date De | cember 30, 1963 | | | | | | | |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; dupricate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Montana, County of Fargus.

COPY

County Crork and Recorder \$200 K

| | No. | | | | |
|-----|-----|--------|-----|------|--|
| | | • | 1 % | , "; | |
| 744 | 3.7 | ٠. | A. | | |
| 110 | NO | | | | |

DUPLICATE

T 18N R 24E

MONTON WATER RESOURCES BOARD

RECEIVED

County....Fergus..... STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Top of Ground (Elev. above sea level SEP 1 1 1967 Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner....Lonnie Adams Address orayth, Montana Driller Munson Drilling AddressGrass Renge Mont.

Date of Notice of appropriation of groundwaternet.applicable..... Date well started...July 10, 1967...Date completedAug. 9, 1967....

.....Equipment used retary... (Churn drill, rotary or other) Type of well...drilled

(Dug, Driven, bored or drilled) Stock Irrigation Domestic | Municipal | Water use: Industrial [Drainage 🔲 Other [

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled | Size and Weight | From (Feet) | To (Feet) | | PERFORATION | S |
|--------------------|--------------------|-------------|--------------|------------------|-------------------|--------------|
| Hole | of Casing | ,, | | Kind Size | From (Feet) | To (Feet) |
| 133/4" 6±"" | 8 5/8 | 0 105 | 105 | WT 28# | /ft.bla | ck |
| 3 7/8" | 420.D | 1600 | 1600 | WT 10. | 8/ft.bl | ack |
| | 2 3/80. | D - 1570 | | 155-4.8 regul | ft.bla ar 2007 | ck -2150 |

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well..... Pumping Water Level 140-150 feet at.....gal. per minute.

Discharge in gai. per min. of flowing well

How Tested .. bailing. Length of Test. 50hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) 105ft.85/8mo.D. casing cemented t bottom E2NS...1/4..... Sec3O.... T.18N R..24E

Indicate location of well and to top -44"O.D.casing ran O-1660'-cemented thro mud place of use, if possible. Each small square represents 40 pump@60sacks 23/8"J55-4.8# 1570t02240"

perforated 2007to2150(Continue on reverse side)

USE-If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addi-

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retnined by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be

Driller's License Number

Driller's Signuture

COPY

State of Montana, County of Fergus. Ss.

Filed SEP 8 1967 19

O'clock I M.

County Clerk and Recorder

SEENEY THE RESIDENCE

LCG of Lonnie Adams WELL

```
20 i00 Cavey silty sand shale
100 892 Shale bentonite fossils(Bear Baw)
892-1200 Sandy bentonite -very thin coal lenses -very little
                                     sand-no porosity
               Hard lime sand -ne percently and layers- sand and shale strings
1200- 1209
1209- 1303
               hentontic sand-shale stringers
                Sand and Shale layers - good porosity-possible M2C
 1303- 7350
 1350- 1411
1411- 1460
                Shale- (top of clagett)
                 Calcite-limey shale - hard
Shalo - lime- hard
 1460-1490
                Sticky bentonite shale- very sticky 1510-1547
 1490- 1500
 1500- 1547
                Black- green shales
 1547 - 1550
1550 - 1578
                Sandy shale streaks
                Limey streaks of shale
Sandy shale
 1578- 1580
 1580- 1590
                Limey sand streaks
                  Behtonitic-dark grey sand-silty-no porosit
  1590- 1000
  1600- 1623
                 Sandy shale
  1623- 1040
                 Silty shales silty sand
                 Very silty sand
Silty sand and green sh bentonited clay
Silty sand-stricks of silty sand-stricks
  1646- 1734
  1734- 1757
1757-1779
  1779- 1803
                 Siltstone-asphalt streaks
  1803- 1824
                 Sandy Bentonite and shale
  1824- 1849
                 Sandy shale - bentonite streaks
  1849- 1917
                 Sandy shale-silty sand streaks
                 Greyish, siltysand streaks-silty shale
  1917- 1940
  1940- 1963
                  as above and some firm sand streaks
                                  soft grey sand-carl oneous specks
  1903 -1986
1986- 2007
                  TOPOSEAGLE
                                    limey on acid test.
                  Fairly good sand
good soft greyish sand
Sand becoming more silty-black shale specks
   2007- 2050
   2050- 2150
                  Silty dirty sand- shale specks
Silty dirty sand- clay and shale streaks
   2150- 2105
   2165- 2210
   2210- 2230
   2230- 2240 Bentonite - shale
      T.D.
```

Static Water Level @ 83'

Drawdown 140'- 150 @ 8 Gal. / Min.

File No. 17190

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF CROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

| (Under Ci | hapter 237, Montana Session Laws, 1961) |
|--|--|
| | to the second of |
| (Name of Appropriator) | |
| County of have appropriated groundwater accord | ing to the Montana laws in effect prior to January 1, 1962, as follows: |
| N | 2. The beneficial use on which the claim is based |
| | 3. Date or approximate date of earliest beneficial use; and how continuous the use has been |
| , | 4. The amount of groundwater claimed (in miner's inches or gallom per minute) |
| S | 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| dicate point of appropriation d place of use, if possible. Each nall square represents 10 acres. | 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal |
| drawal of groundwater | npletion of the construction of the well, wells, or other works for with |
| | spe, size and depth of each well or the gaperal specifications of any other |
| | ater due met 6 25 for |
| . The estimated amount of groundwate | er withdrawn each year 10720.00 |
| . The log of formations encountered in | |
| | |
| reference to book and page of any cor | nature as may be useful in carrying out the policy of this act, including |
| | |
| | |
| | Signature of Owner Jonic adams Date 12 - 30 - 64 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the C. Clerk and Recorder; Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and, Quadruplicate for the Appropriator. 17131

PAC

State of Mariant, Trans.

at 9:15 O'clock floor.

Curry Kether

Course Clerk and Recorder

File No.

17189

DUPLICATE

Approved Stock Form -State Publishing Co., Helena, Montana-42234

T. 18 R, 2 4

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriator | r) (Address) (Town) |
|--|---|
| county of | r) (Address) (Town) State of |
| ave appropriated groundwater accordance | ding to the Montana laws in effect prior to January 1, 1962, as follows: |
| N | |
| | 2. The beneficial use on which the claim is based |
| | |
| | 3. Date or approximate date of earliest beneficial use; and low continu |
| | ous the use has been |
| | |
| | 4. The amount of groundwater claimed (in miner's inches or gallons |
| | per minute) |
| | |
| 5 | 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof |
| 1/1 E Sec. 1 T/ 8 R2 4 | |
| icate point of appropriation | |
| place of use, if possible. Each ll square represents 10 acres. | 6. The means of withdrawing such water from the ground and the local |
| is square represents to deres. | tion of each well or other means of withdrawal |
| | |
| The date of commencement and condrawal of groundwater | mpletion of the construction of the well, wells, or other works for with |
| | <u></u> |
| The depth of water table | type, size and depth of each well or the general specifications of any othe |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other |
| The depth of water table | type, size and depth of each well or the general specifications of any other |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. nature as may be useful in carrying out the policy of this act, including ounty record |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. nature as may be useful in carrying out the policy of this act, including ounty record |
| The depth of water table | type, size and depth of each well or the ceneral specifications of any other vater er withdrawn each year the drilling of each well if available. nature as may be useful in carrying out the policy of this act, including ounty record |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 17130

17189 COPY

State of Mariana. Jus.

(and DFC 7 0 1063

Film DFC 7 0 1063

County from and Recorder

20. pt

| 1—Helena | Independent | Record |
|----------|-------------|--------|

| T-1 | 37. | • | 7 | 7 | _ | - | |
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T 18K R 24K

County Fergus

DUPLICATE

y war

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

N 38-3 1964

Declaration of Vested Groundwater Rights TATE Electrical Conden Chapter 237, Montana Session Laws, 1961)

| (Name of Appropriate | | (Address) | (Town) |
|--|---------------------------------------|---|---|
| | | State of Monteum | (10411) |
| have appropriated groundwater lows: | accordin | g to the Montana laws in effect prior t | o January 1, 1962, as fol |
| × | 2. | The beneficial use on which the claim | |
| | 3. | Date or approximate date of earliest ber tinuous the use has been 1961. | |
| F | Δ | The amount of groundwater claimed (in | n inen's inches or callen |
| | 7. | per minute) 10 gallons per minut | |
| 8 | 5. | If used for irrigation, give the acreag lands to which water has been applied | |
| 1/4 Sec. 13 T R | | thereof not applicable | |
| dicate point of appropriation | | | |
| d place of use, if possible. ch small square represents 10 | €. | The means of withdrawing such water | - |
| res. | | location of each well or other means of by means of writers well, which about the feet deep | h is pumped, and |
| | | B. NOM A TOWN | *************************************** |
| The date of commencement and drawal of groundwater | i complet | ion of the construction of the well, wells | |
| drawal of groundwater | 1 | ion of the construction of the well, wells | |
| The depth of water table So far as it may be available, the | feet ne type, si | ion of the construction of the well, wells | eral specifications of any |
| The depth of water table So far as it may be available, the | feet ne type, si | ion of the construction of the well, wells | eral specifications of any |
| The depth of water table So far as it may be available, the | feet ne type, si | ion of the construction of the well, wells | eral specifications of any |
| The depth of water table So far as it may be available, the | feet ne type, si | ion of the construction of the well, wells | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal | feet ne type, si l of groun | ion of the construction of the well, wells ize and depth of each well or the general deach deep approximate | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal | feet ne type, si l of groun | ion of the construction of the well, wells | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of grounds. | feet ne type, si of groun ndwater v | ion of the construction of the well, wells ize and depth of each well or the general deach deep approximate | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of grounds. | feet ne type, si of groun ndwater v | ize and depth of each well or the general dwater for the deep approximate withdrawn each year 100000 mallane | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of grounds. | feet ne type, si of groun ndwater v | ize and depth of each well or the general dwater for the deep approximate withdrawn each year 100000 mallane | eral specifications of any |
| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of ground the log of formations encounter. Such other information of a simple the stimulation of a simple the | feet ne type, si of groun ndwater v | ize and depth of each well or the general dwater for the deep approximate withdrawn each year 100000 mallane | eral specifications of any |
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| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of ground The log of formations encounter. Such other information of a simple statement of the | feet ne type, si of groun ndwater v | ize and depth of each well or the general depth of each well if available drilling of each well if available available are as may be useful in carrying out the page of the page. | eral specifications of any ly per year. |
| The depth of water table So far as it may be available, the other works for the withdrawal. The estimated amount of ground The log of formations encounter. Such other information of a simple statement of the | feet ne type, si of groun ndwater v | ize and depth of each well or the general dwater for deep approximate withdrawn each year 100000 mallane drilling of each well if available available | eral specifications of any |

Three copies to be filed by the owner with the County Clerk and Recorder ϕ^{σ} the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriater.

18927

State of Monta: a, Combin of Furgues | State of Monta: a, Combin of Furgues | State | DEC 3 1 1963 | Particle | State
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